

Amendments to the Specification

Please replace paragraph [0009] with the following rewritten paragraph:

[0009] In U.S. Patent No. 5,451,992 to Shimomura et al., an ink jet head is described that is subjected to a liquid repellency treatment. The liquid repellency treatment is applied to at least a peripheral portion of a discharge port of the ink jet head. A mixture of a fluorine-containing high polymer compound and a compound having fluorine substituted hydrocarbon group and a silazane group, alkoxy silane group or halogenized silane group is employed as a liquid repellent agent. Shimomura describes that an absorbing member ~~made~~ is immersed in the liquid repellency agent. The absorbing member is then applied to the discharge port of the ink jet head, thereby coating the liquid repellency treating agent on the discharge port. TEFILON® AF is described as a possible fluorine-containing high polymer compound.

Please replace paragraph [0026] with the following rewritten paragraph:

[0026] As used herein, the term "ink-phobic" means to be antagonistic, repellent or resistant to inks. Thus, ink-phobic ink phobic means to be hydrophobic to water based inks and antagonistic to other inks such as, for example, wax-based inks or other inks that are water-based.

Please replace paragraph [0027] with the following rewritten paragraph:

[0027] As used herein, the term "ejector" comprises the part of a printhead where ink or recording solution is expelled or ejected from the printhead. As used herein, the term "ejector surfaces" comprises the surfaces on a printhead coming into contact with the ink or recording solution as the ink or recording solution is expelled or ejected from the printhead. An ejector generally has openings, commonly referred to as apertures, through which ink or recording solution egresses. These openings or apertures have inside surfaces that contact ink or recording solution prior to the ejecting or expelling of the ink or recording solution. The

present invention inventions provides a method of coating both the inside surfaces and outside surfaces of ejectors. Examples of "ejectors" or parts having "ejector surfaces" include apertures, aperture plates, aperture arrays, liquid level control plates, etc. In a particularly preferred embodiment, a liquid level control plate is coated. The coating may be applied to a lip area and/or a sidewall area of the liquid level control plate. The coating may be applied on the whole lip area, including a demarcation point leading to the ink side of the liquid level control plate.

Please replace paragraph [0048] with the following rewritten paragraph:

[0048] The ink compositions of the present invention may also contain a water insoluble dye. Examples of water insoluble dyes include C.I. Solvent Black 29, commercially available from Orient Chemical Co., Springfield, N.J., as SOLVENT DYE ORIENT BLACK 3808~~Solvent Dye Orient Black 3808~~; C.I. Solvent Blue 70, commercially available from Orient Chemical Co. as SOLVENT DYE ORIENT BLUE 2606~~Solvent Dye Orient Blue 2606~~; C.I. Solvent Blue 25, commercially available from Orient Chemical Co. as SOLVENT DYE ORIENT BLUE BOSS~~Solvent Dye Orient Blue BOS~~; C.I. Solvent Yellow 82, commercially available from Orient Chemical Co. as SOLVENT DYE ORIENT YELLOW 4120~~Solvent Dye Orient Yellow 4120~~; C.I. Solvent Yellow 29, commercially available from Orient Chemical Co. as SOLVENT DYE ORIENT YELLOW 129~~Solvent Dye Orient Yellow 129~~; C.I. Solvent Red 49, commercially available from Orient Chemical Co. as SOLVENT DYE ORIENT PINK 312~~Solvent Dye Orient Pink 312~~; and mixtures thereof. The dye is present in the ink in any desired or effective amount for obtaining the desired color, typically in an amount of from about 1 to about 10 percent by weight of the ink, preferably from about 2 to about 7 percent by weight of the ink, and more preferably from about 5 to about 6 percent by weight of the ink, although the amount can be outside of these ranges.

Please replace paragraph [0050] with the following rewritten paragraph:

[0050] Other optional additives to the inks include biocides such as DOWICIL Dewicil-150, 200, and 75, benzoate salts, sorbate salts, and the like, present in an amount from about 0.0001 to about 4 percent by weight of the ink, and preferably from about 0.01 to about 2.0 percent by weight of the ink, pH controlling agents such as acids or, bases, phosphate salts, carboxylates salts, sulfite salts, amine salts, and the like, present in an amount of from 0 to about 1 percent by weight of the ink and preferably from about 0.01 to about 1 percent by weight of the ink, or the like.